

# Sprinter P-XP / P12V600

## INDUSTRIAL BATTERIES / NETWORK POWER

The extremely powerful, compact AGM batteries of the Sprinter P and Sprinter XP series are an ideal energy source for uninterrupted power supply and are particularly good in UPS applications and other security systems. GNB's experience and innovation with VRLA technology makes Sprinter batteries the preferred choice for high rate emergency battery backup.

**Part Number: NAPW120600HP0MA**

### APPLICATIONS



### SPECIFICATIONS

- Maintenance-free (no topping up) during the whole service life
- High-Compression Absorbent Glass Mat (AGM) technology
- Design life: »10-12 Years – Long Life« according to EUROBAT 2015 classification
- Available as standard or flame retardant version (UL 94-V0)
- Designed in accordance with IEC 60896-21/-22
- Grid plates with superior lead calcium alloy for excellent corrosion resistance
- Very low gassing due to internal gas recombination (99% efficiency)
- No restrictions for rail, road, sea and air transportation (IATA, DGR clause A67) – trouble-free transportation of operational blocks
- Approval: UL (Underwriter Laboratories)
- Manufactured in Europe in our ISO 9001 certified production plants



Design life  
10-12 years  
– Long Life



Block battery



Grid plate



Recyclable



Valve  
regulated  
lead-acid  
batteries



Maintenance  
free (no  
topping up)



Special high  
current  
performance

### RECYCLE WITH EXIDE.



Exide Technologies takes pride in its commitment to a better environment. An integrated approach to manufacturing, distributing and recycling of leadacid batteries has been developed to ensure a safe and responsible life cycle for all ofits products.



For more information please  
[contact your local dealer](#)

## TECHNICAL CHARACTERISTICS AND DATA

<b>Nominal voltage</b>	12 V
<b>Float charge</b>	2,27 V/C @ 25 °C
<b>Capacity</b>	CP 10min 1,6V/C 25°C 792W/Bloc CC 10h 1,8V/C 25°C 24Ah
<b>Short circuit current</b>	824 A (IEC60896-21/22)
<b>Internal resistance</b>	15,4 mΩ (IEC60896-21/22)

<b>Terminal</b>	M - M6
<b>Terminal Torque</b>	6 Nm
<b>Container</b>	UL 94-HB (Polypropylene)
<b>Temperature range</b>	-40°C to 55°C
<b>Dimensions (l x b/w x h)</b>	169 x 128 x 175 mm
<b>Weight</b>	9,5 kg
<b>Origin</b>	Castanheira, Portugal

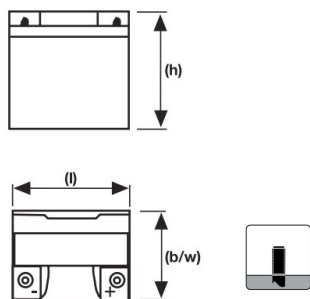
## CONSTANT POWER DISCHARGE

W @ 25 °C	1 min	2 min	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
1,900 V/C	834	834	834	725	539	427	356	271	200	162	97,4	71,1	47,7	31,5	26,4
1,850 V/C	1033	1033	1033	868	627	491	406	300	221	179	108	79,2	51,8	33,5	28,4
1,800 V/C	1250	1210	1171	971	689	532	435	320	235	192	113	82,2	54,8	35,5	29,4
1,750 V/C	1400	1350	1266	1045	732	565	458	336	246	203	116	85,3	55,8	36,5	29,9
1,700 V/C	1600	1460	1348	1101	762	579	469	343	251	205	118	87,3	56,8	37	30,5
1,650 V/C	1700	1550	1422	1151	781	592	477	347	256	207	120	88	57	37	31
1,600 V/C	1800	1620	1478	1187	792	600	480	350	259	209	121	88	57	37	31

## CONSTANT CURRENT DISCHARGE

A @ 25 °C	1 min	2 min	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h	20 h
1,900 V/C	78	75	70	62	47	37	30	22	17	13,4	8	5,9	4	2,6	2,1	1,1
1,850 V/C	98	93	87	76	55	43	35	25	19	15,2	9,2	6,7	4,4	2,8	2,3	1,2
1,800 V/C	112	109	107	87	61	46	38	27	20	16,2	9,7	7,1	4,6	2,9	2,4	1,3
1,750 V/C	124	120	118	95	65	49	40	28	20,8	17,1	9,9	7,3	4,7	3	2,5	1,3
1,700 V/C	155	142	129	103	69	52	42	29,4	21,8	17,6	10,3	7,4	4,8	3,1	2,6	1,4
1,650 V/C	163	150	135	109	71	54	43	30,5	22,3	18	10,4	7,5	4,8	3,1	2,6	1,4
1,600 V/C	172	157	140	113	73	55	44	31	22,8	18,3	10,5	7,6	4,8	3,1	2,6	1,4

## Technical drawing



## Float Voltage vs Temperature

